

FIRM NO.	2216422	CLASSIFICATION	FOR OFFICIAL USE ONLY	PROCESSING DATE	2 NOV 1961	WJR
CODE	COUNTRY	Approved For Release 2001/03/26 : CIA-RDP96-00787R000500130081-6				
491	USSR	11 438				
LOCATION		S/T	NAME OF INSTALLATION			PL. NO.
DATE/INFO		DATE/SOURCE				PF
DA	MO	YR	DA	MO	YR	EVAL
28 SEP 61		CONTROL NO.		SOURCE		FBIS UNPUBLISHED

IRKUTSK RADIATION LAB -- A SCIENTIFIC STATION TO STUDY SOLAR RADIATION IS BEING SET UP BY THE USSR ACADEMY OF SCIENCES IN THE SPURS OF THE EASTERN SAYANY RANGE, MORE THAN 2,000 TWO THOUSAND METERS ABOVE SEA LEVEL. THE STATION WILL STUDY THE EFFECTS OF SOLAR RADIATION ON THE IONOSPHERE AND ON THE PROPAGATION OF RADIOWAVES ON THE EARTH. THEY WILL ALSO CONDUCT OBSERVATIONS OF COSMIC RAYS AND STUDY TERRESTRIAL ELECTRIC CURRENTS AND THE TERRESTRIAL MAGNETIC FIELD.

(MOSCOW TASS ENGLISH EUROPE 1331 GMT 28 SEPTEMBER 1961--L)

FIRM NO.	2216422	CLASSIFICATION	UNCLASSIFIED	PROCESSING DATE		
CODE	COUNTRY	PS	AF CHART	ACTIVITY CODES	438	
491	USSR	1116	0160			
LOCATION		S/T	NAME OF INSTALLATION			PL. NO.
SAYAN GORA		1	SOLAR STA			
DATE/INFO		DATE/SOURCE				PF
DA	MO	YR	DA	MO	YR	EVAL
		CONTROL NO.				

PERIODIC REPORT ON AEROSPACE IN THE USSR: 61-18
High altitude Observation Station in the South of Siberia

SG1A

According to a news item (Ref. 6, 30 Sept 1961, p. 4) the first high altitude station of the Sun Service in the eastern part of the USSR is being opened in Sayan Mts. at an altitude of over 2,000 m. above sea level. The station belongs to the mountain-solar expedition of the Institute of Terrestrial Magnetism, Ionosphere and Radiowave Propagation of the Siberian Branch, USSR Academy of Sciences.

The Sayan high mountains were chosen for scientific observations because the Sun is covered by clouds only 17 days a year, on the average, in that region. The transparent, noticeably rarified air permits to conduct observations of the solar disk without the usual interferences.

FORM 326a USE PREVIOUS EDITIONS.
12-60

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In 1960 the Institute of terrestrial magnetism, ionosphere, and distribution of magnetic elements, established in the latter part of 1960, has begun research of the physical phenomena occurring on the surface and in the earth. The study of currents (tides) flowing in the earth is of substantial significance for the development of anti formations at great depth, as well as for development of special methods of geophysical surveys for surveying mineral deposits. The study of the ionosphere, the ionization density, earth's magnetic field, and magnetic gales (bur) is intended for establishing the influence of these phenomena on radio communication and navigation instruments for it. The institute will also study the influence of the sun's activity (so called sunspot activity) and phenomena occurring on the sun upon the earth's atmosphere, the earth's magnetic field, radio communication, and navigation instruments on the sun and in the surrounding field of the earth (radio navigation equipment etc.). (Izvestiya Akademii Nauk SSSR, No. 26, 1961, p. 26).

FIRM NO.		Approved For Release 2001/03/26 : CIA-RDP96-00787R000500130081-6		CLASSIFICATION UNCLASSIFIED	PROCESSING DATE JUN 1962
CODE	COUNTRY	PS	AF CHART	ACTIVITY CODES	
491	USSR	1131		438	
LOCATION	IRKUTSK	S/T	NAME OF INSTALLATION		PL. NO.
DATE/INFO	DATE/SOURCE		TERRESTRIAL MAGNETISM INST		PF
DA MO YR	DA MO YR				EVAL
- - -	26 DEC 61	CONTROL NO.	SOURCE	CIA/OSI-RA/61-11 SCIENTIFIC INTELLIGENCE RESEARCH AID	

PRINCIPAL RADIOTELESCOPES OF THE SOVIET UNION

OVER

SIBERIAN INSTITUTE OF TERRESTRIAL MAGNETISM, THE IONOSPHERE,
AND RADIOWAVE PROPAGATION

Alternate Name:
 Subordinate to: Eastern Siberian Branch, Academy of Sciences, USSR
 Location: Irkutsk
 52° N- 104° E

Functional Description

Engages in solar, cosmic ray, ionospheric, and geomagnetic research.

Technical Description

Personalities

Other Information

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